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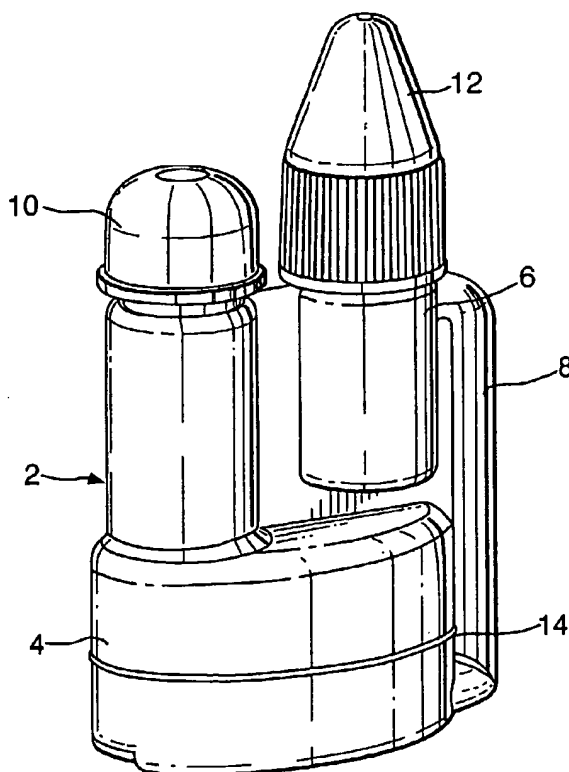
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(54) Title: SAMPLING APPARATUS



(57) **Abstract:** This invention relates to a method
and associated apparatus for isolating a known
volume of sample solution comprising: (i) taking an
apparatus comprising a first chamber with a sealing
means, a second chamber, wherein said first and
said second chamber are connected via a duct and
collecting the sample solution into the first chamber
of the apparatus; and (ii) pumping a pre-determined
known volume of the sample solution into the second
chamber of the apparatus. The sample solution of the
present invention preferably comprises a nucleic acid
target material. This invention also relates to a single
integrated apparatus and a kit capable of performing
the same.

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